

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/002411

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl<sup>7</sup> A61K31/765, A23F3/18, A23L1/30, A61K35/78, A61P3/04, 3/06,  
43/00, C12N9/99

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> A61K31/765, A23F3/18, A23L1/30, A61K35/78, A61P3/04, 3/06,  
43/00, C12N9/99

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CAPLUS (STN), MEDLINE (STN), BIOSIS (STN), EMBASE (STN)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	Yuji HARA et al., "Polyphenol Kyoka Oolong-cha Sesshu ni yoru Shibo Sesshugo no Kessei Triglyceride Josho Yokusei Koka", Basic Pharmacology & Therapeutics, 20 June, 2004 (20.06.04), Vol.32, No.6, pages 335 to 342	1, 8-19
P, X	Yuko FUKUI et al., "Oolong-cha Jugo Polyphenol no Lipase Sogai Kassei Oyobi Kessei Triglyceride Josho Yokusei Sayo", Himan Kenkyu, 01 September, 2004 (01.09.04), Vol.32, Supplement, page 182	1, 8-19
X A	Kazuko IWATA, "Shishitsu Taisha ni Oyobosu Oolong-cha no Eikyo", Joshi Eiyo Daigaku Kiyo, 1996 Nen 12 Gatsu, Vol.27, pages 11 to 21	1, 11 2-10, 12-19

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

## \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance  
 "E" earlier application or patent but published on or after the international filing date  
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  
 "O" document referring to an oral disclosure, use, exhibition or other means  
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  
 "&" document member of the same patent family

Date of the actual completion of the international search  
28 April, 2005 (28.04.05)

Date of mailing of the international search report  
17 May, 2005 (17.05.05)

Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

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International application No.

PCT/JP2005/002411

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	Kazuko IWATA et al., "Seijin Joshi no Kessho Shishitsu Narabini Ketchu Lipoprotein Lipase Kassei ni Oyobosu Oolong-cha Kyuyo no Eikyo", Journal of Japanese Society of Nutrition, and Food Science, 10 August, 1991 (10.08.91), Vol.44, No.4, pages 251 to 259	1,11 2-10,12-19
X A	Chin Bungaku et al., "Tanjunsei Himansho ni Taisuru Oolong-cha Sesshu no Eikyo", Journal of Japanese Society of Chemical Nutrition, 10 August, 1991 (10.08.91), Vol.20, No.2, pages 83 to 90	1,11 2-10,12-19
X A	JP 3-219872 A (Meiji Seika Kaisha, Ltd.), 27 September, 1991 (27.09.91), Full text; particularly, page 3; table 2 (Family: none)	1,11 2-10,12-19
A	JP 2002-370980 A (Ito En, Ltd.), 24 December, 2002 (24.12.02), Full text; particularly, page 3; Par. Nos. [0010] to [0013] (Family: none)	1-19
X Y	Keiichiro IKEURA et al., "Cocoa no Kohiman Koka - Lipase Sogai Koka no in vitro Jikken", The Japanese Society of Nutrition and Food Science Sokai Koen Yoshishu, 01 April, 2003 (01.04.03), page 243	1,2,8-19 3-7
A	JP 2003-535111 A (MARS, INC.), 25 November, 2003 (25.11.03), Pages 16 to 18; Par. No. [0041] & WO 01/93690 A2 & AU 200166885 A & EP 1292194 A2 & US 6627232 B1 & CN 1446052 A	1-19
Y	JP 6-9607 A (Shokuhin Sangyo High Separation System Gijutsu Kenkyu Kumiai), 18 January, 1994 (18.01.94), Full text; particularly, page 2, Par. No. [0003]; pages 4 to 5, Par. Nos. [0032] to [0046] & JP 3052172 B2	3-7
Y	JP 4-182479 A (Shokuhin Sangyo High Separation System Gijutsu Kenkyu Kumiai), 30 June, 1992 (30.06.92), Full text; particularly, page 3, lower left column, line 17 to lower right column, line 20; page 4, lower left column, lines 8 to 16 (Family: none)	3-7

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International application No.

PCT/JP2005/002411

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 8-109178 A (Mitsui Norin Co., Ltd.), 30 April, 1996 (30.04.96), Full text; particularly, page 2, Claims; pages 2 to 3, Par. Nos. [0009] to [0010] & JP 3281733 B2	1-19
X Y	JP 9-291039 A (Suntory Ltd.), 11 November, 1997 (11.11.97), Full text; particularly, pages 2 to 8, Claims; pages 10 to 12, Par. Nos. [0013] to [0017] & WO 97/23210 A1 & EP 815857 B1 & KR 98702533 A & US 6294190 B1	1,2,8-19 3-7
X Y	JP 2003-231684 A (Ichimaru Pharcos Co., Ltd.), 19 August, 2003 (19.08.03), Full text; particularly, page 12, Par. Nos. [0033] to [0034]; pages 47 to 48, Figs. 1 to 3 (Family: none)	1,2,8-19 3-7
X	JP 2003-146898 A (Kabushiki Kaisha Toyo Shin'yaku), 21 May, 2003 (21.05.03), Full text; particularly, page 2, Claims; page 3, Par. Nos. [0025] to [0026]; pages 4 to 5, Par. Nos. [0033], [0041]; examples; table 1 (Family: none)	1,8-19
X	JP 2001-321166 A (Asahi Breweries, Ltd.), 20 November, 2001 (20.11.01), Full text; particularly, page 3, Par. Nos. [0018] to [0023]; page 6, Par. No. [0044] (Family: none)	1-19
A	WO 02/078726 A1 (Asahi Breweries, Ltd.), 10 October, 2002 (10.10.02), Full text & EP 1374884 A1 & AU 2002241307 A1 & US 2004220117 A1	1-19
A	JP 8-70772 A (UNICAFE INC.), 19 March, 1996 (19.03.96), Full text; particularly, page 2, Claims; page 7, Par. No. [0006] (Family: none)	1-19
A	JP 10-4919 A (Toyo Seito Kabushiki Kaisha), 13 January, 1998 (13.01.98), Full text; particularly, page 4, Par. Nos. [0023] to [0032] & JP 3259758 B2	1-19

## PCT REQUEST

0	<b>For receiving Office use only</b>	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	<b>Form PCT/RO/101 PCT Request</b>	
0-4-1	Prepared Using	JPO-PAS. 0322
0-5	<b>Petition</b> The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	<b>Receiving Office (specified by the applicant)</b>	Japan Patent Office (RO/JP)
0-7	<b>Applicant's or agent's file reference</b>	YCT-1015
I	<b>Title of Invention</b>	LIPASE ACTIVITY INHIBITORS CONTAINING HIGH-MOLECULAR WEIGHT POLYPHENOL FRACTIONS, TEA EXTRACTS, AND PROCESSES FOR PRODUCING THE SAME
II	<b>Applicant</b>	
II-1	This person is	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	SUNTORY LIMITED
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II-6	State of nationality	JP
II-7	State of residence	JP